

What is claimed is:

1. An optical-controlled and voice-controlled optical fiber skipping-rope, including a voice-controlled constructional body and an  
5 optical-controlled constructional body;

—Voice-controlled structure: consists of an upper cover and a lower cover ; while the upper cover is equipped in its center with a press hole, whose side face is equipped with multiple voice holes; besides,  
10 the lower cover is equipped with anterior and posterior locking holes, the connection part of its upper cover and lower cover is equipped with a button, an integrated circuit board, a fixing sleeve head, an illuminant and a double cell, wherein, the fixed seat of the button is placed on the integrated circuit board;

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—Optical-controlled structure: consists of upper cover and lower cover , wherein, the upper cover is equipped in its center with a press hole, the lower cover is equipped with anterior and posterior locking holes; while the connection part of upper cover and lower cover is  
20 equipped with a button, an integrated circuit board, a fixing sleeve head, an illuminant and a double cell, wherein, the fixed seat of the button is placed on the integrated circuit board;

—luminescence constructional body

The product of this invention is formed by the mutual connection  
25 of the voice-controlled structure, optical-controlled structure & plastic

optical fiber structure, having the features of practicability, security, warning, aesthetics & amusement.

2. An optical-controlled and voice-controlled optical fiber skipping-  
5 rope to claim 1, wherein the integrated circuit board is equipped thereon with a buzzer and music chip to serve for music control.

3. An optical-controlled and voice-controlled optical fiber skipping-  
rope to claim 1, wherein the fixing foot of the fixing sleeve head of the  
10 voice-controlled structure is placed on the integrated circuit board; while the fixing sleeve head is also covering the illuminant.

4. An optical-controlled and voice-controlled optical fiber skipping-  
rope to claim 1, wherein the neck formed by the front end of the  
15 closing of upper cover and under cover of the voice-controlled structure is covering the tapered sleeve head and is connecting with the luminescence constructional body.

5. An optical-controlled and voice-controlled optical fiber skipping-  
20 rope to claim 1, wherein the integrated circuit board is equipped thereon with an optical-controlled chip to serve for optical fiber optical- control.

6. An optical-controlled and voice-controlled optical fiber skipping-  
25 rope to claim 1, wherein the fixing foot of the fixing sleeve head of the

optical-controlled structure is placed on the integrated circuit board;  
while the fixing sleeve head is also covering the illuminant.

- 5 7. An optical-controlled and voice-controlled optical fiber skipping-  
rope to claim 1, wherein the neck formed by the front end of the  
closing of upper cover and lower cover of the optical-controlled  
structure is covering the tapered sleeve head and is connecting with  
the luminescence constructional body.
- 10 8. An optical-controlled and voice-controlled optical fiber skipping-  
rope to claim 1, wherein the luminescence constructional body that  
optical plastic fiber and light-emitting diode and lamp and  
luminescence pharmaceutical preparation constructional body.
- 15 9. An optical-controlled and voice-controlled optical fiber skipping-  
rope to claim 1, wherein optical fiber skipping-rope has single-control  
and double-control.

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